

26. (Amended) A recombinant DNA molecule comprising the isolated DNA segment according to claim 24 operably linked to a vector.

28. (Amended) The host cell according to claim 27 wherein said cell is a procaryotic cell.

29. (Amended) The host cell according to claim 27 wherein said cell is a eucaryotic cell.

31. (Twice Amended) An isolated DNA segment encoding a mammalian GDF-1 protein which hybridizes to the nucleotide sequence defined in Figure 2 under conditions of 68°C and 1M sodium chloride and which remains bound when subjected to washing at 68°C with 15 mM sodium chloride/1.5 mM sodium citrate.

35. (Twice Amended) An isolated DNA segment encoding a mammalian GDF-1 protein, wherein said DNA segment consists essentially of the open reading frame for GDF-1 as shown in Figure 2 or Figure 11A or Figure 11B.